

FORM PTO-1449  
MODIFIEDU.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
204763SERIAL NO.  
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Eberle et al.FILING DATE  
09/12/03

GROUP

## U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>A. S.</i>	AA	3,827,115	08/06/74	Bom			
	AB	3,938,502	02/17/76	Bom			
	AC	4,191,193	03/04/80	Seo			
	AD	4,211,949	07/08/80	Brisken et al.			
	AE	4,456,013	06/26/84	De Rossi et al.			
	AF	4,576,177	03/18/86	Webster, Jr.			
	AG	4,582,067	04/15/86	Silverstein et al.			
	AH	4,645,961	02/24/87	Malsky			
	AI	4,665,331	05/12/87	Sudo et al.			
	AJ	4,665,925	05/19/87	Millar			
	AK	4,704,774	11/10/87	Fujii et al.			
	AL	4,728,834	03/01/88	Kumar et al.			
	AM	4,734,963	04/05/88	K. Ishiyama			
	AN	4,794,931	01/03/89	Yock			
	AO	4,821,731	04/18/89	Martinelli et al.			
	AP	4,841,977	06/27/89	Griffith et al.			
	AQ	4,917,097	04/17/90	Proudian, deceased et al.			
	AR	4,951,677	08/28/90	Crowley et al.			
	AS	4,975,607	12/04/90	Hara et al.			
	AT	5,042,493	08/27/91	Saito et al.			
	AU	5,044,053	09/03/91	Kopel et al.			
	AV	5,046,503	09/10/91	Schneiderman			
	AW	5,081,993	01/21/92	Kitney et al.			
	AX	5,109,860	05/05/92	Gelly et al.			
	AY	5,117,831	06/02/92	Jang et al.			
	AZ	5,174,296	12/29/92	Watanabe et al.			
	BA	5,176,141	01/05/93	Bom et al.			
	BB	5,183,048	02/02/93	Eberle			
	BC	5,186,177	02/16/93	O'Donnell et al.			
	BD	5,199,437	04/06/93	Langberg			
	BE	5,240,003	08/31/93	Lancee et al.			
	BF	5,243,988	09/14/93	Sieben et al.			
	BG	5,257,629	11/02/93	Kitney et al.			
	BH	5,273,045	12/28/93	Chihara et al.			
	BI	5,320,104	06/14/94	Fearnside et al.			
<i>A. S.</i>	BJ	5,351,691	10/04/94	Brommersma			

*Mr. Munn*

5/29/14

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## U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>A. S.</i>	BK	5,359,760	11/01/94	Busse et al.			
	BL	5,368,037	11/29/94	Eberle et al.			
	BM	5,402,791	04/04/95	Saitoh et al.			
	BN	5,423,220	06/13/95	Finsterwald et al.			
	BO	5,453,575	09/26/95	O'Donnell et al.			
	BP	5,467,779	11/21/95	Smith et al.			
<i>A. S.</i>	BQ	5,479,930	01/02/96	Gruner et al.			
	BR	5,493,541	02/20/96	Snyder			

## FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES
							NO*
<i>A. S.</i>	CA	1 402 192	02/22/72	Netherlands			
	CB	GB 2208138A	03/01/89	Great Britain			
	CD	GB 2208138B	03/01/89	Great Britain			
	CE	WO 88/09150	12/01/88	WIPO			
	CF	WO 89/04142	05/18/89	WIPO			
	CG	WO 93/02809	02/18/93	WIPO			
	CH	WO 93/15419	08/05/93	WIPO			
	CI	JP 54149615	11/24/79	Japan			
	CJ	EP 0145429	06/19/85	EPO			
	CK	EP 0671221	09/13/95	EPO			
<i>A. S.</i>	CL	GB 2287375A	09/13/95	Great Britain			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>A. S.</i>	DA	Lockwood et al., "A 45 to 55 MHz Needle-Based Ultrasound System for Invasive Imaging," <u>Ultrasonic Imaging</u> , 15 (1), 1-13 (January 1993)
	DB	Martin et al., "An Ultrasonic Catheter for Intravascular Measurement of Blood flow: Technical Details," <u>IEEE, SU 27 (6)</u> , 277-286 (November 1980)
	DC	Black et al., "CMOS Chips for Invasive Ultrasound Imaging," <u>IEEE Journal of Solid-State Circuits</u> , 29 (11), 1381-1387 (November 1994)
	DD	Bom et al., "Early and Recent Intraluminal Ultrasound Devices," <u>International Journal of Cardiac Imaging</u> , 4, 79-88 (1989)
<i>A. S.</i>	DE	O'Donnell et al., "Experimental Studies on an Efficient Catheter Array Imaging System," <u>Ultrasonic Imaging</u> , 17 (2), 83-94 (1995)

\*A concise statement of relevance is being submitted in lieu of a translation. 37 CFR § 1.98(b).  
1449 FORM (Rev. 3/6/96)


